

Old Rifle Camp Road Ground Water Contamination

**Old Rifle Camp Road & Oak Ridge Road
West Paterson Borough Passaic County**

BLOCK: Various **LOT:** Various

Community Relations Coordinator: Mark Herzberg (609) 633-1369

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Passaic County Health Department in 1997 identified ten private potable wells in this area that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. In the Old Rifle Camp Road area, tetrachloroethylene (also known as perchloroethylene, or PCE) was detected in six wells, and in the Oak Ridge Road area benzene was detected in two wells and carbon tetrachloride was found in two other wells. Point-of-Entry Treatment (POET) systems were installed on the wells with funds provided by NJDEP to supply potable water for the residents. NJDEP's Remedial Response Element subsequently delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis that concluded the most cost-effective long-term remedy was the continued use of POET systems at the affected homes, but the Borough of West Paterson elected to extend public water lines to the area instead. NJDEP agreed to provide the Borough with funds equal to the cost of monitoring and maintaining the POET systems for 20 years to help pay for the water lines. Installation of the water lines was completed in 2002 and connection of the residences is underway. NJDEP is periodically sampling private potable wells outside the CKE to monitor ground water quality. Additional investigative work is planned to identify possible sources of the ground water contamination at this site.